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ı	APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
_	10/655,568 •	09/05/2003	Hagane Irikura	026390-00010	6433
	4372 ARENT FOX I	7590 02/07/2007 PLLC ·		EXAMINER	
	1050 CONNECTICUT AVENUE, N.W.		v.	WOODWARD, ANA LUCRECIA	
	SUITE 400 WASHINGTON, DC 20	N, DC 20036		ART UNIT	PAPER NUMBER
				1711	
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Ĺ	SHORTENED STATUTORY PERIOD OF RESPONSE		MAIL DATE	DELIVERY MODE	
	3 MO	NTHS	02/07/2007	PAPER	

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

	Application No.	Applicant(s)				
Office Action Summers	10/655,568	IRIKURA ET AL.				
Office Action Summary	Examiner	Art Unit	_			
	Ana L. Woodward	1711				
The MAILING DATE of this communicate Period for Reply	, ,	the correspondence address				
A SHORTENED STATUTORY PERIOD FOR WHICHEVER IS LONGER, FROM THE MAIL - Extensions of time may be available under the provisions of 37 after SIX (6) MONTHS from the mailing date of this communica. - If NO period for reply is specified above, the maximum statutor. - Failure to reply within the set or extended period for reply will, I Any reply received by the Office later than three months after the earned patent term adjustment. See 37 CFR 1.704(b).	ING DATE OF THIS COMMUNICATION OF THIS COMMU	ally be timely filed HS from the mailing date of this communication.	-			
Status						
1) Responsive to communication(s) filed or	July 20 2006 1	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)				
	Responsive to communication(s) filed on $\frac{\int u/y}{\partial \theta} \frac{\partial \theta}{\partial \theta} = \frac{\partial \theta}{\partial \frac{\partial \theta}{\partial$					
,	nce this application is in condition for allowance except for formal matters, prosecution as to the merits is					
closed in accordance with the practice u						
	and the period garages, 1000 c.c.	.,,				
Disposition of Claims 4) Claim(s) 1,2 and 5-15. 4) Claim(s) is/are pending in the approximation of Claims.	•					
4a) Of the above claim(s) is/are w	ithdrawn from consideration.					
5) Claim(s) 1/1 and 1/ is/are allowed. 6) Claim(s) 2/5, Is/are rejected.	5					
7) Claim(s) is/are objected to.						
8) Claim(s) are subject to restriction	and/or election requirement.					
Application Papers						
9)☐ The specification is objected to by the Ex	aminer.					
10) The drawing(s) filed on is/are: a)[☐ accepted or b)☐ objected to by	the Examiner.				
Applicant may not request that any objection						
Replacement drawing sheet(s) including the	correction is required if the drawing(s)	is objected to. See 37 CFR 1.121(d).				
11) ☐ The oath or declaration is objected to by	the Examiner. Note the attached (Office Action or form PTO-152.				
Priority under 35 U.S.C. § 119						
12) Acknowledgment is made of a claim for f	oreign priority under 35 U.S.C. § 1	19(a)-(d) or (f).				
a) ☐ All b) ☐ Some * c) ☐ None of:						
1. Certified copies of the priority doc	p.					
2. Certified copies of the priority doct						
3. Copies of the certified copies of the		ceived in this National Stage				
application from the International I						
* See the attached detailed Office action for	a list of the certified copies not re	čeived.				
·						
Attachment(s)						
1) 1 Notice of References Cited (PTO-892)	4) 🔲 Interview Sur	nmany (PTO_413)				
 Notice of Draftsperson's Patent Drawing Review (PTO-9 	48) Paper No(s)/f	Mail Date				
3) Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date	5)	rmal Patent Application				

Art Unit: 1711

DETAILED ACTION

Election/Restrictions

1. Applicant's election with traverse of the polyimide species in the reply filed on November 8, 2006 is acknowledged.

Claim Rejections - 35 USC § 112

2. Claims 2, 5, 6, 8-10 and 12-15 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

In claims 2, 5, 8 and 12, the Markush group language formats, as presently recited, are improper.

In claims 6 and 9, the use of the objectionable term "general" renders the claimed subject matter indefinite.

In claims 6 and 9, the depicted structural units are indefinite in that the subscript "n" is not defined.

In claims 6 and 9, no antecedent basis is seen for "copolymers" as it would appear that the base claim, by virtue of the "consisting of" language, is limited to homopolymers of the diaminobenzoic acid and the reactive monomer. The polymer per claim 1 *consists of* the reaction product of a single diaminobenzoic acid and a single reactive monomer, that is, no mixtures of diaminobenzoic acids or mixtures of the diaminobenzoic acid with another aromatic or aliphatic diamine or mixtures of reactive monomers is apparent.

Art Unit: 1711

In claims 6 and 9, it is unclear what other structural unit(s) the recited "copolymers" are to comprise when the Ar' moiety in the depicted structural units represent the diaminobenzoic acid.

Response to Amendment

3. Applicant's amendments filed July 20, 2006 have effectively overcome the previous art rejection over the JP '370 reference.

Allowable Subject Matter

- 4. The prior art of record neither anticipates nor renders obvious the vapor deposition-polymerization reaction product of a diaminobenzoic acid monomer and a monomer reactive therewith or an antibacterial polymer derived from a diaminobenzoic acid monomer and a monomer reactive therewith.
- 5. Claims 1, 7 and 11 are allowed.
- 6. Claims 2, 5, 6, 8-10 and 12-15 would be allowable if rewritten or amended to overcome the rejection(s) under 35 U.S.C. 112, 2nd paragraph, set forth in this Office action.

Conclusion

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ana L. Woodward whose telephone number is (571) 272-1082. The examiner can normally be reached on Monday-Friday (8:30-5:00).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, James J. Seidleck can be reached on (571) 272-1078. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Application/Control Number: 10/655,568

Art Unit: 1711

Page 4

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Amá L. Woodward Primary Examiner Art Unit 1711
